

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization  
International Bureau**



(43) International Publication Date  
21 April 2005 (21.04.2005)

PCT

(10) International Publication Number  
**WO 2005/036864 A1**

(51) International Patent Classification<sup>7</sup>: H04M 1/00

(21) International Application Number: PCT/US2004/032925

(22) International Filing Date: 6 October 2004 (06.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/508,961 6 October 2003 (06.10.2003) US

(71) Applicant (for all designated States except US): PREFORMED LINE PRODUCTS COMPANY [US/US]; 660 Beta Drive, Mayfield Village, OH 44143 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PISCZAK, Philip, J. [US/US]; 1133 Royal Oak Drive, Chagrin Falls, OH 44022 (US). MARKIEWICZ, John, B. [US/US]; 7746 Rutland Drive, Mentor, OH 44064 (US). CLOUD, Randy, G. [US/US]; 6482 Dellhaven Avenue, Mentor, OH 44060 (US). KHOURY, Bass [US/US]; 4478 Boston Road, Brecksville, OH 44141 (US). MILLER, Keith, A. [US/US]; 2235 Whitemarsh Drive, Twinsburg, OH 44087 (US).

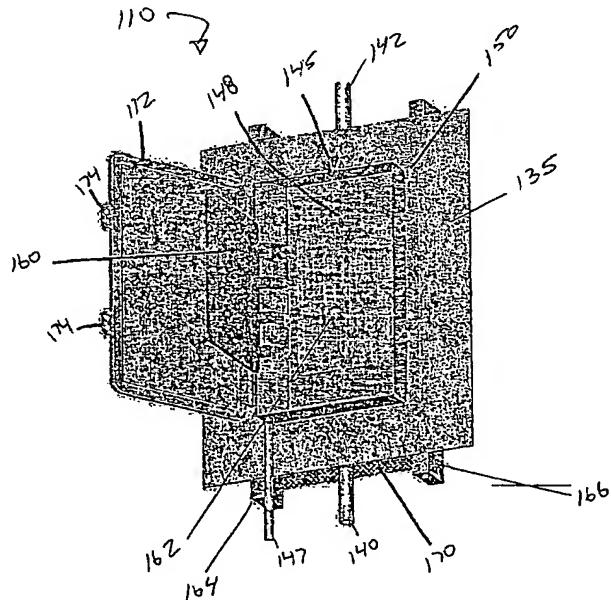
(74) Agent: HUDZINSKI, Michael, E.; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FL, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIGO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: FIBER TO THE HOME DEMARCTION ENCLOSURE



(57) Abstract: A demarcation enclosure housing (10) is provided for housing electronics (18) on a structure. The enclosure housing (10) includes an enclosure frame (14) having access to an interior side of the structure and access to an exterior side of the structure. The frame, on the exterior side, includes a door (12) connected thereto. The frame can include a vent (40, 42) adapted to allow ambient air from the interior side of the structure to flow through the housing.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*